

Draft - Electronic Engineering Data Quality Check List

Project Number:	Date:
<p align="center">The files listed below have been reviewed in accordance with the provided check list and are ready for EED submission.</p>	
Submitted by:	Phone #:
Unit/Company Name:	
Email:	

File Name List

Example - X:\0123-0123\Highways_Eng_Data\InRoads\Finished_Grade.dtm

Check List

MicroStation Design Models

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| All graphical elements are at the correct geospatial location. |
| All graphical elements are placed on the correct CT DOT Level. |
| Files are free of all cross sections, profiles, construction lines for design purposes. |
| Files are free of annotation that should reside in the cut sheets. |
| Files have clean reference attachments, only needed reference files & no redundant references. |
| All 3D files have lines and elements at the proper elevation (no spikes). |

Coordinate Geometry

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| Only final alignments are included (preliminary and alternate information has been removed). |
| Alignments names and descriptions are intuitive. |
| Each horizontal alignment has only one child vertical alignment. |

Surface Models

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| Visualized breakline features and they appear to be consistent and match the 2D MicroStation file. |
| Visualized breakline features, no vertical faces are present; breaklines appear to be horizontally offset. |
| Visualized both the contours and triangles in a 3D file. Looked at it from the top and front, side, and isometric view. No irregular dips, spikes or voids in the surface are apparent. |
| Triangles were viewed on top of the proposed design file. The triangles do not cross obvious breaklines such as centerlines, edges of pavement, edges of shoulders, etc. |
| Contours were viewed to ensure the low points line up with the proposed drainage structures and structure flowlines match the proposed surface. |

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